Name:

Teacher:

Honors Geometry, Period

**Honors Geometry**

HW #3: Summer Homework +Why > How > What

Due: Monday August 31st

Directions: Now that you have learned the four Geometry Fundamentals, answer the following question from the summer homework and apply Why > How > What. Failure to use complete sentences will result in LaSalle.

|  |
| --- |
| **Word Problem:** Use complete sentences to complete the following. |
| The Lincoln Park Zoo has a number of two-legged birds and a number of four-legged mammals. On one visit to the zoo Ms. Mitrovich counted 200 heads and 522 legs.   1. Create an equation to represent the total number of heads. Explain your equations and the variables you use. 2. Create an equation to represent the total number of legs. Explain your equations and the variables you use. 3. How many of the animals that Ms. Mitrovich counted were two-legged birds? |